

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits  | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|-------|------------------|---------|------------------|
| L1    | 131   | 29/282 and tube and fitt\$3 and (collar or flange)                        | USPAT | OR               | ON      | 2010/05/21 13:23 |
| L2    | 97    | 29/252 and tube and fitt\$3 and (collar or flange)                        | USPAT | OR               | ON      | 2010/05/21 13:42 |
| L3    | 76    | 29/234 and tube and fitt\$3 and (collar or flange)                        | USPAT | OR               | ON      | 2010/05/21 13:53 |
| L4    | 717   | 29/283.5  | USPAT | OR               | ON      | 2010/05/21 13:57 |
| L5    | 59    | 29/283.5 and tube and fitt\$3 and (collar or flange)                      | USPAT | OR               | ON      | 2010/05/21 13:58 |
| L6    | 75    | swage and tube and fitt\$3 and (collar or flange) and bridge and member   | USPAT | OR               | ON      | 2010/05/21 13:59 |
| L7    | 121   | swage and tube and fitt\$3 and bridge and member                          | USPAT | OR               | ON      | 2010/05/21 14:00 |
| L8    | 173   | (swage or swag\$3) and tool and tube and fitt\$3 and bridge and member    | USPAT | OR               | ON      | 2010/05/21 14:00 |
| L9    | 56579 | bridge and member and (first or second) and contact and (surface or area) | USPAT | OR               | ON      | 2010/05/21 14:01 |
| L10   | 154   | 9 and 8   | USPAT | OR               | ON      | 2010/05/21 14:01 |
| L11   | 806   | 29/516  | USPAT | OR               | ON      | 2010/05/21 14:02 |
| L12   | 0     | 9 and 8 and 29/516  | USPAT | OR               | ON      | 2010/05/21 14:08 |
| L13   | 0     | 9 and 8 and 29/282  | USPAT | OR               | ON      | 2010/05/21 14:08 |
| L14   | 1     | 9 and 8 and 29/252  | USPAT | OR               | ON      | 2010/05/21 14:08 |
| L15   | 0     | 9 and 8 and 29/234  | USPAT | OR               | ON      | 2010/05/21 14:08 |
| L16   | 0     | 9 and 8 and 29/237  | USPAT | OR               | ON      | 2010/05/21 14:08 |
| L17   | 0     | 9 and 8 and 29/283.5  | USPAT | OR               | ON      | 2010/05/21 14:09 |

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|-----|------|---|---|----|----|---------------------|
| L18 | 2969 | (adhere or adher\$3) and<br>bridge and tube and fitt<br>\$3 | USPAT   | OR | ON | 2010/05/21<br>14:58 |
| L19 | 52   | 18 and 8  | USPAT   | OR | ON | 2010/05/21<br>14:58 |
| L20 | 50   | 18 and 10   | USPAT   | OR | ON | 2010/05/21<br>15:03 |
| L21 | 0    | 29/234 and 19   | USPAT   | OR | ON | 2010/05/21<br>15:05 |
| L22 | 0    | 29/237 and 19   | USPAT   | OR | ON | 2010/05/21<br>15:05 |
| L23 | 0    | 29/282 and 19   | USPAT   | OR | ON | 2010/05/21<br>15:05 |
| L24 | 0    | 29/252 and 19   | USPAT   | OR | ON | 2010/05/21<br>15:06 |
| L25 | 0    | 29/283.5 and 19   | USPAT   | OR | ON | 2010/05/21<br>15:06 |
| L26 | 0    | 29/516 and 19   | USPAT   | OR | ON | 2010/05/21<br>15:06 |
| L27 | 11   | 6 and 18  | USPAT   | OR | ON | 2010/05/21<br>15:06 |
| S1  | 4    | "6430792"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/02<br>09:23 |
| S2  | 22   | "3726122"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/02<br>11:26 |
| S3  | 13   | "2514374"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/02<br>11:44 |
| S4  | 1788 | 29/252.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/02<br>12:23 |
| S5  | 1021 | 29/237.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/02<br>12:23 |

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| S6  | 1587    | 29/520.ccls.                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/02<br>12:23 |
| S7  | 995     | 29/282.ccls.                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/02<br>12:24 |
| S8  | 563     | 29/283.5.ccls.                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/02<br>12:24 |
| S9  | 563     | 29/283.5.ccls.                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/06<br>08:58 |
| S10 | 1576026 | axial swage and S9               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/06<br>08:58 |
| S11 | 741245  | electro mechanical and<br>S10    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/06<br>09:04 |
| S12 | 8453323 | electric power source<br>and S11 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/06<br>09:04 |
| S13 | 603537  | S10 and S12                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/06<br>09:05 |

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| S14 | 42      | "409008"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2009/04/06<br>09:28 |
| S15 | 6       | breyman.in.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2009/04/06<br>09:29 |
| S16 | 10      | breymann.in.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2009/04/06<br>09:29 |
| S17 | 24      | "2105954"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2009/04/06<br>09:30 |
| S18 | 9       | ("0409008"   "1317145"<br>  "3665579"  <br>"3787951").PN. OR<br>("3938234").URPN. | US-PGPUB;<br>USPAT; USOCR   | AND | ON | 2009/04/06<br>09:34 |
| S19 | 4821147 | swage with electric<br>power  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2009/04/06<br>09:38 |
| S20 | 1577229 | axial swage and S19   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2009/04/06<br>09:39 |
| S21 | 226     | S9 and S20  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2009/04/06<br>09:39 |
| S22 | 24      | "2656607"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2009/04/06<br>09:56 |

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| S23 | 5       | ("409008").URPN.   | USPAT   | AND | ON | 2009/04/06<br>10:25 |
| S24 | 4833638 | piston with electric power   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2009/04/06<br>11:12 |
| S25 | 1581973 | axial swage  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2009/04/06<br>11:12 |
| S26 | 414849  | S24 and S25  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2009/04/06<br>11:12 |
| S27 | 7963490 | electric drive   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2009/04/06<br>11:13 |
| S28 | 639441  | S25 and S27  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2009/04/06<br>11:13 |
| S29 | 101     | S9 and S28   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2009/04/06<br>11:13 |
| S30 | 2       | "7313861"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2009/04/06<br>12:10 |
| S31 | 10      | ("20020144386"  <br>"3540246"   "4760634"  <br>"5263627"   "5566373"  <br>"5747076"   "5908148"  <br>"6732420"   "6789309").<br>PN. OR ("7313861").<br>URPN. | US-PGPUB;<br>USPAT; USOCR   | AND | ON | 2009/04/06<br>12:11 |
| S32 | 16      | "4553335"  | US-PGPUB;<br>USPAT; USOCR   | AND | ON | 2009/04/06<br>12:14 |

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| S33 | 5       | "5398394"                            | US-PGPUB;<br>USPAT; USOCR   | AND | ON  | 2009/04/06<br>12:15 |
| S34 | 5       | "3938234"                            | US-PGPUB;<br>USPAT; USOCR   | AND | ON  | 2009/04/06<br>15:57 |
| S35 | 1528    | metal same<br>cyanoacrylate adhesive | US-PGPUB;<br>USPAT; USOCR   | AND | ON  | 2009/04/07<br>11:28 |
| S36 | 1432471 | metal same<br>cyanoacrylate adhesive | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2009/04/07<br>11:29 |
| S37 | 533290  | metal same<br>cyanoacrylate adhesive | USPAT; USOCR  | OR  | ON  | 2009/04/07<br>11:30 |
| S38 | 4882    | swage                                | USPAT; USOCR  | OR  | ON  | 2009/04/07<br>11:30 |
| S39 | 668     | S37 and S38                          | USPAT; USOCR  | OR  | ON  | 2009/04/07<br>11:30 |
| S40 | 0       | ("7111519").URPN.                    | USPAT   | AND | ON  | 2009/04/07<br>11:31 |
| S41 | 0       | metal andcyanoacrylate<br>adhesive   | US-PGPUB;<br>USPAT; USOCR   | AND | ON  | 2009/04/07<br>11:34 |
| S42 | 9069    | metal and cyanoacrylate<br>adhesive  | US-PGPUB;<br>USPAT; USOCR   | AND | ON  | 2009/04/07<br>11:34 |
| S43 | 225489  | pipe fitt\$3                         | US-PGPUB;<br>USPAT; USOCR   | AND | ON  | 2009/04/07<br>11:34 |
| S44 | 273     | S42 and S43                          | US-PGPUB;<br>USPAT; USOCR   | AND | ON  | 2009/04/07<br>11:34 |
| S45 | 5       | "2514374"                            | USPAT   | OR  | OFF | 2010/05/06<br>09:43 |
| S46 | 4       | ("8204763").PN.                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2010/05/06<br>09:47 |
| S47 | 3       | "6430792"                            | USPAT   | OR  | OFF | 2010/05/06<br>10:02 |
| S48 | 15      | "2656607"                            | USPAT   | OR  | OFF | 2010/05/06<br>10:03 |
| S49 | 46      | "409008"                             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2010/05/19<br>15:07 |

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| S50 | 2  | "0409008"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/19<br>15:08 |
| S51 | 16 | ("20050081359"  <br>"4189817"   "4345361"  <br>"4418458"   "5297325"  <br>"5305510"   "5398394"  <br>"5483731"   "5592726"  <br>"5654527"   "5680687"  <br>"5694670"   "5743131"  <br>"6430792"   "6434808"  <br>"6823573").PN. OR<br>("7155790").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2010/05/20<br>16:25 |
| S52 | 34 | ("0539573"   "3280864"<br>  "3299496"   "3726122"<br>  "3727289").PN. OR<br>("4189817").URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2010/05/20<br>16:40 |
| S53 | 11 | "5537727"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/21<br>10:24 |
| S54 | 0  | "6430792" and collar  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/21<br>10:32 |
| S55 | 0  | "6430792" and (collar<br>or flange)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/21<br>10:32 |
| S56 | 1  | "6430792" and (collar or<br>flange)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/21<br>10:32 |
| S57 | 5  | "5483731" and (collar or<br>flange)   | USPAT   | OR | ON  | 2010/05/21<br>10:37 |
| S58 | 19 | ("1018035"   "2623080"<br>  "2695539"   "3700227"<br>  "3827727"   "4026006"<br>  "4189817"   "4257135"<br>  "4482174"   "5297325"<br>  "5305510").PN. OR<br>("5483731").URPN.  | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2010/05/21<br>10:42 |

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|-----|-----|--|-------|----|----|---------------------|
| S59 | 307 | 29/283.5 and (collar or flange)                      | USPAT | OR | ON | 2010/05/21<br>11:22 |
| S60 | 59  | 29/283.5 and tube and fitt\$3 and (collar or flange) | USPAT | OR | ON | 2010/05/21<br>11:22 |

**5/ 21/ 2010 3:07:23 PM**

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